

ABSTRACT OF THE DISCLOSURE

[000111] The invention provides a plurality of peptides (and immunologically functional variants thereof) which are immunogenic epitopes recognized by CD8⁺ class I MHC restricted cytotoxic T-lymphocytes of patients harboring latent human cytomegalovirus (HCMV) infection. The peptides are capable of activating CTLs and CTLps in the absence of active viral replication, and thus are useful for eliciting a cellular immune response against HCMV by normal and immunodeficient subjects. Peptide and lipopeptide vaccines, with and without adjuvants, also are disclosed. Cellular vaccines comprising the peptides form a further embodiment of this invention.